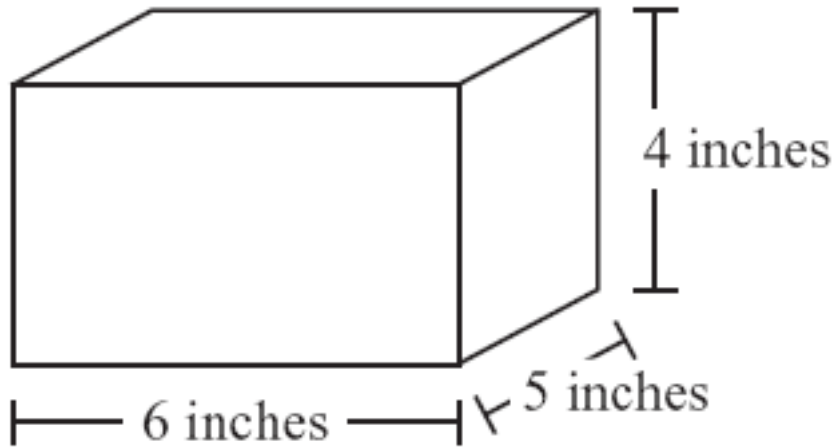


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Ray had a block of wood in the shape of a rectangular prism. The block and its dimensions are shown below.



**Front**

- a. Ray painted the front face of the block red. What is the area, in square inches, of the face he painted red? Show or explain how you got your answer.
  
  
  
  
  
  
  
  
  
  
- b. Ray painted the top and bottom faces of the block black. What is the area, in square inches, of the faces he painted black? Show or explain how you got your answer.
  
  
  
  
  
  
  
  
  
  
- c. Ray painted the other faces of the block white. What is the area, in square inches, of the faces he painted white? Show or explain how you got your answer.

